

In re: Glucksmann, et al.

Appl. No. 09/464,685

Filed: 12/16/99

Page 3 of 5

REMARKS

It is not believed that extensions of time or fees for net addition of claims are required, beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 CFR § 1.136(a), and any fee required therefore (including fees for net addition of claims) is hereby authorized to be charged to Deposit Account No. 16-0605.

Respectfully submitted,



Leigh W. Thorne  
Registration No. 47,992

RECEIVED

JAN 10 2002

TECH CENTER 1600/2900

**CUSTOMER NO. 00826**

**ALSTON & BIRD LLP**

Bank of America Plaza

101 South Tryon Street, Suite 4000

Charlotte, NC 28280-4000

Tel Raleigh Office (919) 862-2200

Fax Raleigh Office (919) 862-2260

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office at Fax No. on the date shown below.

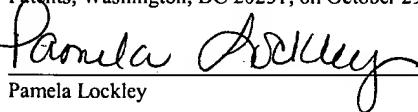
(Type or print name of person signing certification.)

Signature

Date

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: **BOX AF**, Commissioner for Patents, Washington, DC 20231, on October 29, 2001.



Pamela Lockley

**Version with Markings to Show Changes Made:**

73. A method for detecting the presence of a polypeptide having an amino acid sequence selected from the group consisting of:

- (a) the amino acid sequence shown in SEQ ID NO:1; and
- (b) the amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-2369;
- [ (c) the amino acid sequence of an allelic variant of the amino acid sequence shown in SEQ ID NO:1;
- (d) the amino acid sequence of an allelic variant of the amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-2369;
- (e) a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NO:1, or an amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-2369, wherein the fragment comprises at least 15 contiguous amino acids of SEQ ID NO:1, or an amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-2369;
- (f) a naturally occurring allelic variant of a polypeptide comprising the amino acid sequence of SEQ ID NO:1, or an amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-2369; wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes to a nucleic acid comprising SEQ ID NO:2, or a complement thereof under stringent conditions; and
- (g) a polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 45% identical to a nucleic acid comprising the nucleotide sequence of SEQ ID NO:2, or a complement thereof;]

    said method comprising contacting the sample with a compound which selectively binds to any one of the polypeptides of (a) – (b[g]) and determining whether the compound binds to said polypeptides in the sample.

81. A method for modulating the activity of a polypeptide having an amino acid sequence selected from the group consisting of:

- (a) the amino acid sequence shown in SEQ ID NO:1; and
- (b) the amino acid sequence encoded by the cDNA contained in ATCC

Deposit No. PTA-2369;

[(c) the amino acid sequence of an allelic variant of the amino acid sequence shown in SEQ ID NO:1;

(d) the amino acid sequence of an allelic variant of the amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-2369;

(e) a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NO:1, or an amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-2369, wherein the fragment comprises at least 15 contiguous amino acids of SEQ ID NO:1, or an amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-2369;

(f) a naturally occurring allelic variant of a polypeptide comprising the amino acid sequence of SEQ ID NO:1, or an amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-2369; wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes to a nucleic acid comprising SEQ ID NO:2, or a complement thereof under stringent conditions; and

(g) a polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 45% identical to a nucleic acid comprising the nucleotide sequence of SEQ ID NO:2, or a complement thereof;]

said method comprising contacting any one of polypeptides (a) – (b[g]) or a cell expressing any one of polypeptides (a) – (b[g]) with a compound which binds to the polypeptide in a sufficient concentration to modulate the activity of the polypeptides.